

In the claims:

1. (Cancelled)

2. (Currently Amended) A secure electronic message redirection system, comprising:

a messaging server coupled to a redirector component, wherein the redirector component is configured ~~to sense a trigger event and in response to the trigger event~~ to redirect electronic messages received and stored at the messaging server to a mobile data communication device, wherein the messaging server stores received electronic messages in a plurality of mailboxes, each mailbox being associated with a user of a mobile data communication device via a stored configuration file that links the mailbox to a device address of the mobile data communication device, ~~the configuration file including encryption information specific to the mobile data communication device;~~

a first network coupled to the redirector component;

a wireless data network coupled to the mobile data communication device;

a wireless gateway coupled between the first network and the wireless data network for transmitting messages between the first network and the wireless network; and

a secure link formed between the redirector component and the mobile data communication device through the wireless gateway, the secure link formed using an encryption module operating in conjunction with the redirector component that encrypts the electronic messages prior to redirection to the mobile data communication device ~~using the encryption information stored in the configuration file;~~ and a decryption module operating at the mobile data

communication device that decrypts the electronic messages that are received from the redirector component, wherein the redirected messages remain encrypted while being transmitted over the first network, the wireless network, and through the wireless gateway,

wherein the mobile data communication device is configured to receive messages from the wireless network and to determine whether a received message is a redirected message from the redirector component, and if the message is a redirected message, then the mobile communication device decrypts the redirected message using the decryption module prior to displaying it on a display of the mobile data communication device, and if the message is not a redirected message, then the mobile communication device immediately displays the message on the display.

3-43 (Cancelled)

44. (Previously Presented) The system of claim 2, further comprising a data compression module for compressing the electronic messages prior to redirecting the messages over the secure link through the wireless gateway, and wherein the mobile data communication device includes a corresponding decompression module for decompressing the compressed electronic messages, and wherein the electronic messages remain compressed and encrypted during redirection over the wired network, through the wireless gateway and over the wireless network.

45. (Previously Presented) The system of claim 2, further comprising:

a plurality of personal computers for generating electronic messages, wherein the plurality of personal computers are coupled to the messaging server via a wired network, and

wherein the messaging server associates the plurality of mailboxes with the plurality of personal computers.

46. (Previously Presented) The system of claim 45, wherein the wired network coupling the plurality of personal computers to the messaging server is a local area network.

47. (Currently Amended) The system of claim 45, wherein the redirector component is configured to sense a trigger event and in response to the trigger event to redirect electronic messages received and stored at the messaging server, and wherein the trigger event is a signal generated at one of the plurality of personal computers and transmitted to the redirector component.

48. (Previously Presented) The system of claim 44, further comprising a packaging module for packaging the electronic messages into electronic envelopes prior to redirecting the messages over the secure link through the wireless gateway, wherein the mobile data communication device includes a corresponding unpackaging module for extracting the electronic messages from the electronic envelopes, and wherein the electronic messages remain packaged, compressed, and encrypted during redirection over the wired network, through the wireless gateway and over the wireless network.

49. (Previously Presented) The system of claim 48, wherein the electronic envelopes are e-mail messages addressed to the mobile data communication device and containing the electronic messages.

50. (Previously Presented) The system of claim 48, wherein the electronic envelopes are TCP/IP messages addressed to the mobile data communication device and containing the electronic messages.

51. (Cancelled)

52. (Previously Presented) The system of claim 2, wherein the redirector component communicates with the messaging server through an application programming interface that provides signals to the redirector component when a change occurs to one of the mailboxes serviced by the messaging server.

53. (Cancelled)

54. (Previously Presented) The system of claim 2, wherein the redirector component is coupled to the messaging server via a network.

55. (Previously Presented) The system of claim 54, wherein the network is an intranet.

56. (Previously Presented) The system of claim 2, wherein the redirector component is configured to operate on the messaging server.

57. (Cancelled)

58. (Previously Presented) The system of claim 2, wherein the configuration file is stored at the messaging server.

59. (Previously Presented) The system of claim 2, wherein the configuration file is stored at the server where the redirector component is operating.

60. (Previously Presented) The system of claim 2, wherein the encryption information includes an encryption key.

Claims 61-69 (Cancelled)

70. (Currently Amended) A method of securely redirecting electronic messages from a messaging server to a plurality of mobile communication devices, comprising:

receiving and storing electronic messages at a plurality of mailboxes associated with the messaging server, each mailbox being further associated with a particular mobile communication device via a configuration file that links the mailbox to a device address of the mobile communication device, ~~the configuration file including encryption information specific to the mobile communication device;~~

~~sensing a trigger event at a redirector component coupled to the messaging server and in response to the trigger event,~~ redirecting electronic messages received and stored at the plurality of mailboxes to the mobile communication devices via a wired network coupling the redirector

component to a wireless gateway, and a wireless data network coupling the wireless gateway to the mobile communication device;

establishing a secure link between the redirector component and the mobile communication device through the wireless gateway, the secure link established using an encryption module operating in conjunction with the redirector component that encrypts the electronic messages prior to redirection to the mobile data communication device ~~using the encryption information provided in the configuration file~~, and a decryption module operating at the mobile data communication device that decrypts the electronic messages that are received from the redirector component, wherein the redirected messages remain encrypted while being transmitted over the wired network, the wireless network, and through the wireless gateway;

receiving messages at the mobile communication device and determining whether the messages are from the redirector component;

if a received message at the mobile communication device is from the redirector component, then decrypting the message using the decryption module prior to displaying the message on a display of the mobile communication device; and

if a received message is not from the redirector component, then skipping the decryption step and immediately displaying the received message on the display of the mobile communication device.

71. (Previously Presented) The method of claim 70, further comprising:

compressing the electronic messages prior to redirecting the messages over the secure link through the wireless gateway.

72. (Previously Presented) The method of claim 71, further comprising:

decompressing the compressed electronic messages, wherein the electronic messages remain compressed and encrypted during redirection over the wired network, through the wireless gateway and over the wireless network.

73. (Previously Presented) The method of claim 70, further comprising:

packaging the electronic messages into electronic envelopes prior to redirecting the messages over the secure link through the wireless gateway.

74. (Previously Presented) The method of claim 73, further comprising:

extracting the electronic messages from the electronic envelopes at the mobile communication device, wherein the electronic messages remain packaged, compressed, and encrypted during redirection over the wired network, through the wireless gateway and over the wireless network.

75. (Currently Amended) The method of claim 73 ~~70~~, wherein the electronic envelopes are e-mail messages addressed to the mobile communication device and containing the electronic messages.

76. (Currently Amended) The method of claim 73 ~~70~~, wherein the electronic envelopes are TCP/IP messages addressed to the mobile communication device and containing the electronic messages.

77. (Previously Presented) The method of claim 70, wherein the redirector component communicates with the messaging server through an application programming interface that provides signals to the redirector component when a change occurs to one of the mailboxes serviced by the messaging server.

78. (Previously Presented) The method of claim 70, wherein the redirector component is coupled to the messaging server via a network.

79. (Previously Presented) The method of claim 78, wherein the network is an intranet.

80. (Previously Presented) The method of claim 70, wherein the redirector component is configured to operate on the messaging server.

81. (Cancelled)

82. (Previously Presented) The method of claim 70, wherein the configuration file is stored at the messaging server.

83. (Previously Presented) The method of claim 81 wherein the configuration file is stored at the server where the redirector component is operating.

84. (Cancelled)

85. (New) A method of transmitting electronic messages in a message redirection system in which messages are received at a messaging server and redirected to a mobile communication device via a wireless network, wherein the messages are encrypted prior to transmission to the mobile communication device so as to create a secure message redirection system, the method comprising:

generating a message at the mobile communication device;

determining whether the generated message is related to a redirected message received at the mobile communication device from the message redirection system;

if the generated message is not related to a redirected message, then transmitting the generated message from the mobile communication device to a destination address via the wireless network; and

if the generated message is related to a redirected message, then encrypting the generated message and transmitting the encrypted generated message to the message redirection system, wherein the message redirection system then decrypts the message and transmits it to a destination address.

86. (New) The method of claim 86, wherein the relation between the generated message and the redirected message is a reply relationship.

87. (New) The method of claim 86, further comprising:

if the generated message is related to a redirected message, then compressing the generated message and transmitting the compressed generated message to the message redirection system, wherein the message redirection system then decompresses the message and transmits it to a destination address.

88. (New) The method of claim 85, wherein if the generated message is related to a redirected message, then packaging the encrypted generated message into an electronic envelope addressed to a redirector component in the message redirection system and transmitting the electronic envelope to the redirector component, wherein the redirector component then unpackages the message prior to decrypting the message and transmitting it to the destination address.

89. (New) A mobile communication device for use with a message redirection system in which messages are received at a messaging server and redirected to the mobile communication device via a wireless network, wherein the messages are encrypted prior to transmission to the mobile communication device so as to create a secure message redirection system, the mobile communication device comprising:

- a message generator for generating a message;

- a processor for determining whether the generated message is related to a redirected message received at the mobile communication device from the message redirection system; and

- a transmitter for transmitting the generated message to the message redirection system or directly to a destination address, wherein if the generated message is not related to a redirected message, then transmitting the generated message from the mobile communication device to a destination address via the wireless network, and if the generated message is related to a

redirected message, then encrypting the generated message and transmitting the encrypted generated message to the message redirection system, wherein the message redirection system then decrypts the message and transmits it to a destination address.